

ABSTRACT OF THE DISCLOSURE

An OLED device includes an anode, a first light-emitting layer disposed over the anode, and a second light-emitting layer disposed over the first light-emitting layer. The device also includes a metal-doped organic layer
5 containing an organic electron-transporting material and a low work function metal disposed over the second light-emitting layer, and a cathode disposed over the metal-doped organic layer.